

QUALITY-CONTROL INFORMATION

PRESERVATIVE LOT NUMBERS

7.5N HNO₃ NA-1311-1GS1 6N HCl _____ 4.5N H₂SO₄ _____ Conc. H₂SO₄ _____ NaOH _____
 (METALS&CATIONS) (Hg) (NUTRIENTS&DOC) (COD, PHENOL, O&G) (CYANIDE)

OTHER _____ 1:1 HCl _____ Number of drops of HCL added to lower pH to ≤ 2 _____ (NOTE: Maximum number of drops = 5)
 (VOC)

BLANK WATER LOT NUMBERS

Inorganic (99200) _____ 2nd Inorganic (99201) _____ Spike vials (99104) _____
 Pesticide (99202) _____ 2nd Pesticide (99203) _____ Surrogate vials _____
 VOC/Pesticide (99204) _____ 2nd VOC/Pesticide (99205) _____

FILTER LOT NUMBERS

capsule FW1655 pore size 0.45 type PALL GWV
 disc pore size 0.45 type PALL Aquaprep
 142mm GFF pore size type
 (organics)
 47mm GFF pore size type
 (organics)
 25mm GFF pore size type
 (organic carbon)
 142mm membrane pore size type
 (inorganics)
 other pore size type

QC SAMPLES

Starting date for set of samples (99109) (YMMDD) _____ Ending date for set of samples (99110) (YMMDD) _____

Sample Type	NWIS Record No.	Sample Type	NWIS Record No.	Sample Type	NWIS Record No.
Equip Blank		Sequential		Trip Blank	
Field Blank		Spike		Other	
Split		Concurrent	1831 01200073	Other	

NWQL schedules/lab codes (QC Samples) SEE laboratory information, ASRS & logbook
for laboratory schedules collected as replicate

Comments _____

(Circle appropriate selections)

99100 Blank-solution type

- 10 Inorganic grade (distilled/deionized)
- 40 Pesticide grade (OK for organics and organic carbon)
- 50 Volatile-organic grade (OK for VOCs, organics, and organic carbon)
- 200 Other

99101 Source of blank water

- 10 NWQL
- 40 NIST
- 55 Wisconsin Mercury Lab
- 140 EMD Chemicals
- 150 Ricca Chemical Company
- 200 Other

99105 Replicate-sample type

- | | |
|---------------|---------------------|
| 10 Concurrent | 40 Split-Concurrent |
| 20 Sequential | 50 Split-Sequential |
| 30 Split | 200 Other |

99102 Blank-sample type

- 1 Source Solution
- 30 Trip
- 60 Filter
- 70 Preservation
- 80 Equipment (done in non-field environment)
- 90 Ambient
- 100 Field
- 200 Other

99111 QC sample associated with this environmental sample

- 1 No associated QA data
- 10 Blank
- 30 Replicate Sample
- 40 Spike sample
- 100 More than one type of QA sample
- 200 Other

99108 Spike-solution volume, mL

99106 Spike-sample type
 10 Field
 20 Laboratory

99107 Spike-solution source
 10 NWQL

99112 Purpose, Topical QC data

- 1 Routine QC (non-topical)
- 10 Topical for high bias (contamination)
- 20 Topical for low bias (recovery)
- 100 Topical for variability (field equip)
- 110 Topical for variability (field collection)
- 120 Topical for variability (field personnel)
- 130 Topical for variability (field processing)
- 140 Topical for variability (shipping&handling)
- 200 Topical for variability (lab)
- 900 Other topical QC purpose

A complete set of fixed-value codes can be found online at:
<http://www.nwis.er.usgs.gov/currentdocs/index.html>

SIGNATURE _____

DISCLOSED TO AND UNDERSTOOD BY _____

DATE _____

WITNESS _____

DATE 5/3/12

DATE _____